



University of North Dakota Wheels Project

Full Mitigation Best Practice Story

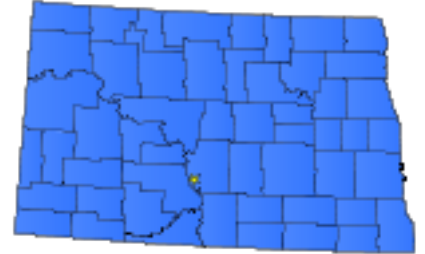
State-wide, North Dakota

The State of North Dakota - When the Red River of the North flooded in April of 1997, several pieces of very costly equipment were submerged in the basement of a building at University of North Dakota. The equipment was immobile due to its weight and size.

A very simple and cost effective measure was taken: the addition of wheels. By mounting wheels on the large research equipment, employees can now roll the equipment into the elevator and up to a higher and safer floor.

The damage to this University of the North Dakota research equipment was in excess of \$1 million. The cost of \$11,100 to retrofit the large equipment will substantially save future losses of equipment at the University in times of flooding.

Standard Homeowner's insurance policies do not cover flood damage. The National Flood Insurance Program makes Federally backed flood insurance available to homeowners, renters, and business owners in participating communities.



Activity/Project Location

Geographical Area: **State-wide**

FEMA Region: **Region VIII**

State: **North Dakota**

Key Activity/Project Information

Sector: **Private**

Hazard Type: **Flooding**

Activity/Project Type: **Flood-proofing**

Activity/Project Start Date: **04/1997**

Activity/Project End Date: **08/1997**

Funding Source: **Academic**

Funding Recipient: **Critical Facility - School**

Funding Recipient Name: **University of North Dakota**

Activity/Project Economic Analysis

Cost: **\$11,100.00 (Actual)**

Activity/Project Disaster Information

Mitigation Resulted From Federal
Disaster? **Unknown**

Value Tested By Disaster? **No**

Repetitive Loss Property? **Unknown**

Reference URLs

Reference URL 1: <http://www.floodsmart.gov/floodsmart/pages/index.jsp>

Reference URL 2: <http://www.state.nd.us/dem/>

Main Points

- Mounted wheels on the large research equipment for employees to roll the equipment into the elevator and up to a higher and safer floor.
- The damage to this University of the North Dakota research equipment was in excess of \$1 million.
- The cost of \$11,100 to retrofit the large equipment will substantially save future losses of equipment at the University in times of flooding.